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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,255	01/20/2004	Katsuhiro Mita	033697-010	6926

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EXAMINER

LAZO, THOMAS E

ART UNIT PAPER NUMBER

3745

DATE MAILED: 04/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b> 10/759,255	<b>Applicant(s)</b> MITA ET AL.	
	<b>Examiner</b> Thomas E. Lazo	<b>Art Unit</b> 3745	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) ☐ Responsive to communication(s) filed on \_\_\_\_.

2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) ☒ Claim(s) 1-7 is/are pending in the application.

    4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.

5) ☐ Claim(s) \_\_\_\_ is/are allowed.

6) ☒ Claim(s) 1 and 3 is/are rejected.

7) ☒ Claim(s) 2 and 4-7 is/are objected to.

8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All    b) ☐ Some \*    c) ☐ None of:

1. ☒ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. ____.
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>1/20/04</u> .	6) <input type="checkbox"/> Other: ____.

U.S. Patent and Trademark Office  
PTOL-326 (Rev. 1-04)

**Office Action Summary**

Part of Paper No./Mail Date 04162005

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bacardit et al. (4,550,566). Bacardit et al. discloses a combination of a master cylinder device with a brake booster device of an input rod pulling type wherein the master cylinder device connected with the brake booster device includes a master cylinder having a piston rod 9 for generating a braking pressure when pulled by an output rod rearward, the output rod extends as the piston rod 9 in the master cylinder of the master cylinder device, floating-motion engaging means 29b provided at the forward end of the piston rod 9 for engaging a first master piston 6 with the piston rod 9 so that the first master piston 6 is floatable relative to the piston rod 9 but restrained from being moved forward relative to the piston rod 9 in the axial direction of the same, the output rod fluid-tightly passes through a second master piston 11 and the first master piston 6 of the master cylinder device to extend forward as the piston rod 9, and the piston rod 9 is engaged at its forward end portion with the forward end of the first master piston 6 through the floating-motion engaging means 29b.

Official notice is taken that the details of a brake booster are well known in the master cylinder and brake booster field. It would have been obvious at the time the invention was made

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to a person having ordinary skill in the art to modify the combination master cylinder and brake booster device of Bacardit et al. to have the brake booster device include a brake booster whose interior is partitioned by a diaphragm with a piston secured thereto into a constant pressure chamber and a variable pressure chamber, a valve mechanism operated by a brake pedal for making the variable pressure chamber communicate selectively with the atmosphere and the constant pressure chamber, a reaction mechanism for transmitting the axial movement of the diaphragm generated based on the pressure difference between the constant pressure chamber and the variable pressure chamber from the piston to the output rod, and as a matter of engineering expedience.

***Allowable Subject Matter***

Claims 2, 4-7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Prior Art***

Prior art made of record but not relied upon is considered pertinent to Applicant's disclosure and consists of three patents.

Ersoy (6,615,684), Kobayashi et al. (4,738,108), and Morimoto (4,667,567) are cited to show pull type master cylinder and brake booster devices.

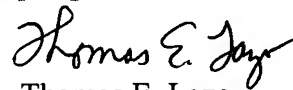
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***Contact Information***

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thomas Lazo whose telephone number is (571) 272-4818. The examiner can normally be reached on Monday-Friday from 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Edward Look, can be reached on (571) 272-4820. The fax phone number for this Group is (703) 872-9306.

Any inquiry of a general nature or relating to status of this application or proceeding should be directed to the Patent Application Information Retrieval (PAIR) system. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.



Thomas E. Lazo  
Primary Examiner  
Art Unit 3745

TEL  
April 16, 2005